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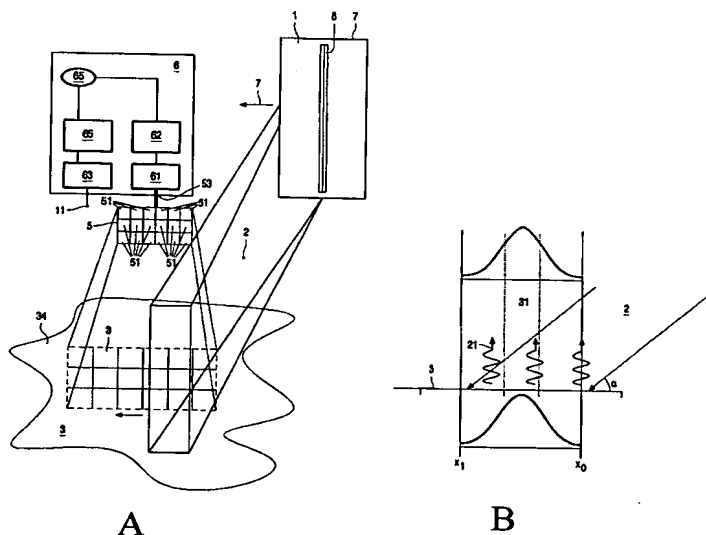
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(54) Title: METHOD OF AND APPARATUS FOR DETERMINING HEIGHT OR PROFILE OF AN OBJECT



(57) Abstract: The surface profile of, or distance to, an object can be accurately determined by scanning the surface (3) with an illumination beam (2) having a slit shaped cross-section and an intensity distribution in the slit width direction (= scan direction) and imaging the surface on an image sensor (5) comprising a number of pixels (51). By determining when a sensor pixel receives a maximum radiation intensity the position in the scan direction (x) of an illuminated surface area (31, 32) associated with said sensor pixel can be established and the height of this area can be measured by triangulation calculation.



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